

LOW VISUAL IMPACT – TRI SECTOR

3x BROADBAND 1710 – 2170 MHz

BD3-400TX

3 X 1710 - 2170		
1710-1880	1850-1990	1920-2170
H69° V16.6°	H66° V15.8°	H63° V14.1°
Fixed Tilt 0°,2°,4°,6°	Fixed Tilt 0°,2°,4°,6°	Fixed Tilt 0°,2°,4°,6°

ELECTRICAL SPECIFICATIONS

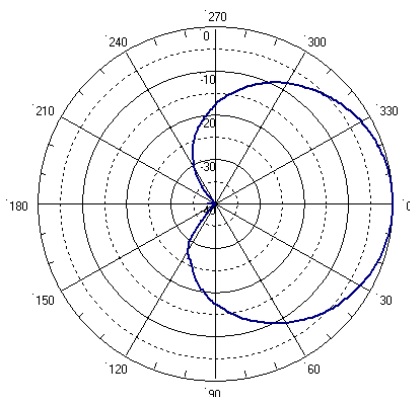
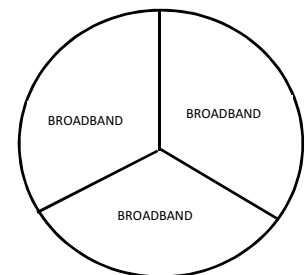
3 X BROADBAND 1710 – 2170 MHz

Antenna Model	SBD3-400TX		
Polarization	+/- 45°		
Frequency	3 X (1710 – 2170)		
	1710 - 1880	1850 - 1990	1920 - 2170
Horizontal Beamwidth	69°	66°	63°
Vertical Beamwidth	16.6°	15.8°	14.1°
Gain (dBi)	14.5	14.6	15
Vertical Electrical Tilt	FIXED 0°,2°,4°,6°	FIXED 0°,2°,4°,6°	FIXED 0°,2°,4°,6°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	12	12	10
Front-to-Back Ratio @ 180° ± 20° (dB)	> 30	> 30	> 30
VSWR	< 1.5 : 1	< 1.5 : 1	< 1.5 : 1
Cross Polar Ratio @ ± 60° (dB) <i>Typically</i>	> 12	> 10	> 8
Isolation between Ports (dB)	> 30	> 30	> 30
Maximum Power Per Input (W)	250		
Intermodulation (dBc)	< - 150		
Impedance (Ω)	50		



MECHANICAL SPECIFICATIONS

Connectors	6 X 7/16 Female	
Connector Position	Bottom	
Survival Wind Speed	km/h (mph)	200 (125)
Windload	100 (22)	
N @ 160 km/h	(lbs @100 mph)	
Radome Color	Grey, paintable	
Humidity	100%	
Antenna Weight	kg (lbs)	10 (22)
Antenna Dimension	Antenna Size: 610 X 250 (24 X 10)	
mm (in) H X Diam		



H&V Pattern

